

Candidate 3

The evidence for this candidate has achieved the following marks for each question/*section* of this Course Assessment component.

Question 1(a)

The candidate was awarded **5 marks** because they provided 6 explanations of why the materials had been chosen:

- ◆ Nylon – self lubricating
- ◆ Waterproof cloth – Not damaged carrying wet substances
- ◆ Tubular steel – good strength due to shape/easily worked
- ◆ Rubber - durable

(Strength cannot be used twice)

Question 1(b)

The candidate was awarded **5 marks**. Two correct processes identified with three suitable explanations:

- ◆ Extrusion – standard lengths produced
- ◆ Injection moulding – High quality surface finish/intricate detail

(No mark for Die-Casting)

Question 1(c)

The candidate was awarded **2 marks**.

- ◆ Physiology (2 marks) – lightweight therefore no strain
 - Tapered end allows contents to be poured easily causing less strain
- ◆ Psychology (0 marks) – A little more information required.??

Question 1(d)

The candidate was awarded **5 marks**.

- ◆ Transport contents
- ◆ Able to hold wet contents
- ◆ Ease of moving
- ◆ Stability
- ◆ Collapsible (easily stored)

Question 1(e)

The candidate was awarded **2 marks**.

- ◆ Economies of scale (reduced costs)
- ◆ Easy to source

(easier construction??/uniform shape – 0 marks)

Question 2(a)

The candidate was awarded **0 marks** because they provided an incorrect response to the question.

Question 2(b)

The candidate was awarded **2 marks**.

- ◆ Good surface finish to enhance aesthetics
- ◆ Large quantities easily produced

Question 2(c)

The candidate was awarded **0 marks** because they provided an incorrect response to the question.

Question 3(a)

The candidate was awarded **2 marks**.

- ◆ Hollow and lightweight form
- ◆ Smooth surface finish

Perfect shape – 0 marks

Question 3(b)

The candidate was awarded **2 marks**.

Correct material with one correct reason (Range of colours)

Question 3(c)

The candidate was awarded **1 mark**.

- ◆ No sharp edges !!!!

Question 3(d)

The candidate was awarded **4 marks**.

- ◆ Single material
- ◆ Locally produced reducing transportation
- ◆ JIT to reduce stocks
- ◆ Simple design (one piece !!)

Question 4(a)

The candidate was awarded **3 marks**

- ◆ Strong and durable design
- ◆ Colour stands out
- ◆ Large speakers to allow it to be heard

Question 4(b)

The candidate was awarded **2 marks**.

- ◆ Width of palm to determine handle length
- ◆ Gripping size of hand for handle width

Question 4(c)

The candidate was awarded **1 mark**.

- ◆ Builder undertaking a user trial

Question 4(d)

The candidate was awarded **2 marks**.

- ◆ Trust product
- ◆ Easily recognised

Question 5(a)

The candidate was awarded **1 mark**.

- ◆ Researching competition

No marks for meeting with client.

Question 5(b)

The candidate was awarded **0 marks** because they provided an incorrect response to the question.

Question 5(c)

The candidate was awarded **1 mark**.

- ◆ Analogy

Question 6

The candidate was awarded **2 marks** because they have displayed a minimal knowledge and understanding of aesthetics and very few appropriate points were made.

Total 42 Marks